

**Tubular Transmission Crossmembers
 for 1967-81 Camaro and 1968-79 Nova**



Features and Benefits:

- Direct bolt-in for GM F-body (1967-81) and X-body (1968-74) vehicles
- Dual 1-1/4 x .120" -wall tubular construction
- Clearance for up to 3" exhaust
- Slotted mount allows drivetrain variances such as mid plates
- Eliminates need for hardware access space above the mounts
- Available for Turbo 350, Turbo 400, Powerglide, 700R4, 200-4R, 4L60, 4L65E, Muncie 4-speed, Richmond 5- or 6-speed, and many Tremec 5- or 6-speed transmissions

Polyurethane transmission mount and OEM adapter kits, Chevy V8 engines and LS-series engines are available separately.

Transmission Crossmembers for Camaro and Nova Subframes

To accommodate popular drivetrain combinations, direct bolt-in, tubular transmission crossmembers are available for g-Machine equipped or factory-subframe GM F-body (1967-81 Camaro and Firebird) and X-body (1968-79 Nova, Apollo, Omega, and Ventura) vehicles. Crossmembers are 1-1/4 x .120" - wall steel, dual-tube, fully enclosed structures that are stronger than OEM stamped designs and rigid enough for the vehicle to benefit from stiff polyurethane transmission mounts. Using automated CNC machinery, tubes are specifically bent to provide 3" dual-exhaust clearance and to correctly position the mount for each model transmission. Center mount brackets match the factory drivetrain angle and feature multiple bends to increase mount rigidity and partially wrap the outside of one or both tubes, bridging them together. Slots allow for drivetrain-position variances such as the addition of a mid plate. The outer crossmember mounting brackets are 0.134" -thick plate steel with open bends enabling easier access to mounting hardware. Factory-installed weld nuts eliminate accessing the hardware from above the subframe mount, allowing the crossmember to be positioned tightly into the stock floor channel and greatly simplifying installation.



Direct-fit transmission crossmembers are available for Turbo 350, Turbo 400, Powerglide, 700R4, 200-4R, 4L60, 4L65E, Muncie 4-speed, Richmond 5- or 6-speed, and many Tremec 5- or 6-speed transmissions. Crossmembers are finished in gloss-black powder coat for a modern appearance and ship with Grade 8 hardware. Note: Installation on factory subframe requires additional adapter kit.



OEM Frame Clip - 1967-69 Camaro/Firebird and 1968-74 Nova
Chassisworks Clip - 1967-69 Camaro/Firebird and 1968-72 Nova

| Part Number | Description | Position ¹ | Price |
|-------------|---|-----------------------|---------------------|
| 5916-F10-01 | 4-Speed / Powerglide / Turbo 350 Transmission Crossmember | 20.525" | \$179 ⁰⁰ |
| 5916-F10-02 | 700R4 / Tremec / Richmond 5-Speed / 4L60 Transmission Crossmember | 22.295" | 189 ⁰⁰ |
| 5916-F10-03 | Turbo 400 / 200-4R / 4L65E ² Transmission Crossmember | 26.848" | 199 ⁰⁰ |
| 5916-F10-04 | Richmond 6-Speed ROD Transmission Crossmember | 24.375" | 219 ⁰⁰ |
| 5916-F10-11 | OEM Frame Clip Crossmember Adapters for V8 Engines | - | 69 ⁰⁰ |
| 5916-F10-12 | OEM Frame Clip Crossmember Adapters for LS Engines | - | 89 ⁰⁰ |
| ESP 3.1108G | GM-Style Transmission Mount, Polyurethane, Black | - | 28 ⁰⁰ |

Notes:

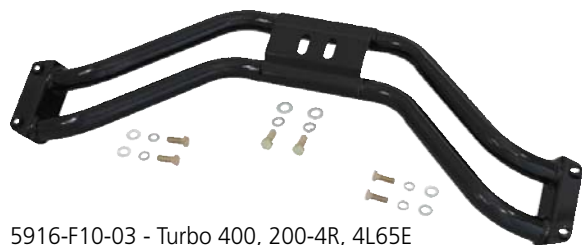
- 1 Position of mount is the measured distance from back surface of engine block to center of transmission mounting holes. Use length shown to determine usable crossmember for transmissions not listed. (Must verify pan clearance.)
- 2 4L65E transmission can be used with LS-series engine only. 5916-F10-03 crossmember must be mounted in rearmost holes of subframe bracket.



5916-F10-01 - 4-Speed, Powerglide, Turbo 350



5916-F10-02 - 700R4, Tremec, Richmond 5-speed, 4L60



5916-F10-03 - Turbo 400, 200-4R, 4L65E



5916-F10-04 - Richmond 6-speed ROD



5916-F10-11 - Adapter Kit



5916-F10-12 - Adapter Kit



ESP 3.1108G - Polyurethane Mount

1970-76 Camaro/Firebird, 1975-79 Nova - OEM Frame Clip
1970-81 Camaro/Firebird - Chassisworks Clip

| Part Number | Description | Position ¹ | Price |
|-------------|---|-----------------------|----------------------|
| 5916-F20-01 | 4-Speed / Powerglide / Turbo 350 Transmission Crossmember | 20.525" | \$189. ⁰⁰ |
| 5916-F20-02 | 700R4 / Tremec / Richmond 5-Speed / 4L60 Transmission Crossmember | 22.295" | 199. ⁰⁰ |
| 5916-F20-03 | Turbo 400 / 200-4R / 4L65E ² Transmission Crossmember | 26.848" | 209. ⁰⁰ |
| 5916-F20-04 | Richmond 6-Speed ROD Transmission Crossmember | 24.375" | 229. ⁰⁰ |
| 5816-F20-13 | OEM Frame Clip Crossmember Adapters for V8 and LS Engines | - | 69. ⁰⁰ |
| ESP 3.1108G | GM-Style Transmission Mount, Polyurethane, Black | - | 28. ⁰⁰ |

Notes:

- | | |
|---|--|
| 1 | Position of mount is the measured distance from back surface of engine block to center of transmission mounting holes. Use length shown to determine usable crossmember for transmissions not listed. (Must verify pan clearance.) |
| 2 | 4L65E transmission can be used with LS-series engine only. 5916-F20-03 crossmember must be mounted in rearmost holes of subframe bracket. |



5916-F10-01 - 4-Speed, Powerglide, Turbo 350



5916-F10-02 - 700R4, Tremec, Richmond 5-speed, 4L60



5916-F10-03 - Turbo 400, 200-4R, 4L65E



5916-F10-04 - Richmond 6-speed ROD



5916-F20-13 - Adapter Kit



ESP 3.1108G - Polyurethane Mount

Notes:

All prices subject to change. Current pricing available at www.cachassisworks.com.



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